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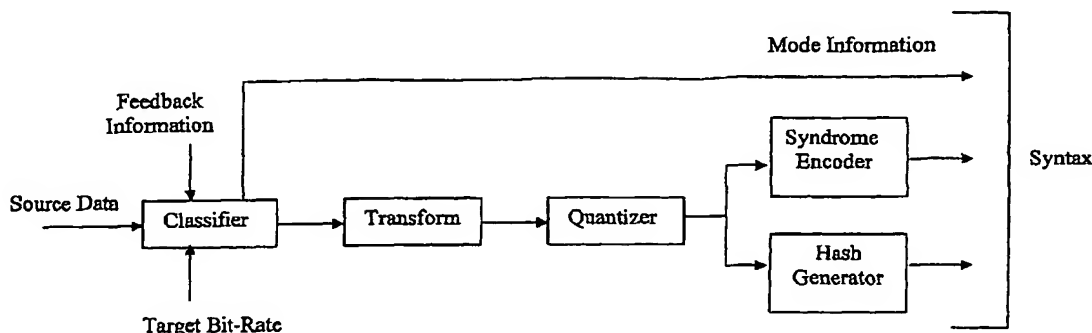
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(54) Title: VIDEO SOURCE CODING WITH SIDE INFORMATION



(57) Abstract: For video coding based on source coding (fig. 1) with side information (mode information), features pertain to modules in the encoder and the decoder, to the codec, and to systems utilizing an encoder, a decoder and/or a codec. An encoding (fig. 1) can provide an estimate of the degree of correlation between blocks, can identify a target codeword, can represent the target codeword by a set comprising a plurality of codewords with the set including the target codeword, and can determine a hash value (fig. 1) from the target codeword, for decoding to take advantage of such information. Advantageously also, the information can be used in transmission rate control (fig. 1). An encoding to be transmitted can be selected from several different encodings. Encoding of a block can benefit from information on previous blocks fed back from a decoder. In generating an encoding, different camera sources can be used, as well as sensors arrayed on a grid. An encoding can be multi-cast.

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